Notice of Allowability	Application No.	Applicant(s)		
	10/064,667	HSU ET AL.	HSU ET AL.	
	Examiner	Art Unit		
	Thao P Le	2818		
The MAILING DATE of this communication appe All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RI of the Office or upon petition by the applicant. See 37 CFR 1.313	(OR REMAINS) CLOSED or other appropriate comm GHTS. This application is	in this application. If not inclununication will be mailed in du	ided le course. THIS	
 This communication is responsive to <u>08/05/02</u>. The allowed claim(s) is/are <u>1-20</u>. The drawings filed on <u>05 August 2002</u> are accepted by the 4. Acknowledgment is made of a claim for foreign priority und a) □ All b) □ Some* c) □ None of the: 1. □ Certified copies of the priority documents have 2. □ Certified copies of the priority documents have 3. □ Copies of the certified copies of the priority documents have International Bureau (PCT Rule 17.2(a)). * Certified copies not received: Acknowledgment is made of a claim for domestic priority under the priority documents have 	er 35 U.S.C. § 119(a)-(d) of been received. been received in Applications have been received.	ion No ed in this national stage applic	cation from the	
(a) The translation of the foreign language provisional a 6. Acknowledgment is made of a claim for domestic priority ur Applicant has THREE MONTHS FROM THE "MAILING DATE" of below. Failure to timely comply will result in ABANDONMENT of the contraction of the c	pplication has been received and a second and this communication to file	ed. /or 121. a reply complying with the red		
7. A SUBSTITUTE OATH OR DECLARATION must be subm INFORMAL PATENT APPLICATION (PTO-152) which gives reas	itted. Note the attached EX	KAMINER'S AMENDMENT or		
8. CORRECTED DRAWINGS must be submitted. (a) including changes required by the Notice of Draftspers 1) hereto or 2) to Paper No. (b) including changes required by the proposed drawing of the including changes required by the attached Examiner.	orrection filed, wh	ich has been approved by the		
Identifying indicia such as the application number (see 37 CFR 1. each sheet.	84(c)) should be written on	the drawings in the front (not t	ne back) of	
9. DEPOSIT OF and/or INFORMATION about the deposattached Examiner's comment regarding REQUIREMENT FOR TI			. Note the	
Attachment(s)				
 Notice of References Cited (PTO-892) Notice of Draftperson's Patent Drawing Review (PTO-948) Information Disclosure Statements (PTO-1449), Paper No Examiner's Comment Regarding Requirement for Deposit of Biological Material 	4∏ Intervie 6∏ Examin	of Informal Patent Application w Summary (PTO-413), Paper ier's Amendment/Comment ier's Statement of Reasons for HOAI HO PRIMARY EXAMINER	er No	

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DETAILED ACTION

Allowable Subject Matter

- 1. Claims 1-20 are pending.
- 2. Claims 1-20 are allowed.
- 3. Claims 1-20 are considered allowable since none of prior art teach or suggest claimed limitations having a method of forming a square-shaped spacer on the sidewall of a stacked gate structure in a flash memory cell such that device performance is improved, and the product yield is enhanced, the method comprises the steps of forming a first spacer on the sidewall of a gate structure, forming a first conductive layer and a sacrificial layer on a substrate and the gate structure, performing a thermal oxidation process to form a mask layer on the first conductive layer and the gate structure, removing the sacrificial layer on the first conductive layer, etching the first conductive layer with a square shape, removing the mask layer, and forming a second spacer on the sidewalls of the second conductive layer.

Conclusion

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Thao P Le whose telephone number is 703-605-1187. The examiner can normally be reached on M-T (8:00-6:30).

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Nelms can be reached on 703-308-4910. The fax phone numbers for the organization where this application or proceeding is assigned are 703-308-7722 for regular communications and 703-872-9319 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-308-0956.

Thao Phuong Le August 7, 2003

HOAI HO
PRIMARY EXAMINER

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